

10/01

02/04/02
JC950 U.S. PTO

Sheet 1 of 4

TRANSMITTAL FORM FOR FILING PATENT APPLICATION

Attorney Docket No.: TYCO-009XX

WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP
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Boston, Massachusetts 02109
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BOX PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

Express Mail No: EV009948211US
Date: February 4, 2002

First Named Inventor or Application
Identifier: George W. Hempel

Sir:

Transmitted herewith under 37 CFR § 1.53 for filing is the patent application of:

Inventor: George W. Hempel and Raymond G. Jussaume

Entitled: COMPACT MULTI-ELEMENT CASCADE CIRCULATOR

This is a request for filing a [] continuation [] divisional
[] continuation in-part application under §1.53(b) of prior Application
No. _____, filed _____, entitled:

Enclosed are:

18 pages of written description, claims and Abstract, inclusive

4 sheets of informal [] formal drawings of Figs. 1-4b (one set)

Oath or Declaration

Newly executed (original or copy)

Copy from prior application (37 CFR 1.63(d)) (for
continuation/divisional). The entire disclosure of the prior
application, from which a copy of the oath or declaration is supplied,
is considered as being part of the disclosure of the accompanying
application and is hereby incorporated by reference therein.

To be filed later

Cover sheet and Assignment of the invention to: TYCO ELECTRONICS CORPORATION

Certified copy of a _____ application (if foreign priority
is claimed) with letter claiming priority under Rule 55.

Information Disclosure Statement with _____ citations

Preliminary amendment is enclosed.

Return receipt postcard

Small entity status is entitled to be, and hereby is, asserted for this
application.

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JC950 U.S. PTO
10/06/35

02/04/02

Attorney Docket No.: TYCO-009XX

TRANSMITTAL FORM FOR FILING PATENT APPLICATION (CONTINUED)

Other: Associate Power of Attorney

Priority is claimed under 35 USC § 120 as indicated on the attached sheet 4.

Priority is claimed under 35 USC §119(a)-(d) as indicated on the attached sheet 4.

Priority is claimed under 35 USC §119 (e) as indicated on the attached sheet 4.

Richard E. Gamache is hereby appointed Associate Attorney by:
Registration No.: 39,196

Stanley M. Schurgin
Attorney of Record Stanley M. Schurgin
Registration No.: 20,979

Power of Attorney in the originally-filed application has been granted to one or more of the registered attorneys listed below. The attorneys listed below not previously granted power in the originally-filed application, as well as _____, are hereby given associate power:
Registration No.:

Salvatore Anastasi, Reg. No. 39,090	Robert J. Kapalka, Reg. No. 34,198
Michael J. Arcnoff, Reg. No. 37,770	Driscoll A. Nina, Jr., Reg. No. 34,685
Stephen J. Driscoll, Reg. No. 37,564	Bruce J. Wolstoncroft, Reg. No. 32,075

Cancel in this application original claims _____ of the prior application before calculating the filing fee.

Add in this application claims _____ per amendment before calculating fee.

CLAIMS FILED:	MINUS BASE:	EXTRA CLAIMS:	RATE:	BASIC FEE:
				\$740.00
Independent	2 - 3	= 0	x \$84.00 =	0
Total	12 - 20	= 0	x \$18.00 =	0
<input type="checkbox"/> Multiple Dependent Claims (1st presentation)		+ \$280.00 =		0
SUBTOTAL FILING FEE				740.00
Small Entity filing, divide by 2. (Small Entity status must be asserted.)				0
TOTAL FILING FEE				740.00

Attorney Docket No.: TYCO-009XX

TRANSMITTAL FOR FILING PATENT APPLICATION (CONTINUED)

The filing fee has been calculated above; a check in the amount of \$740.00 is enclosed.

The filing fee will be submitted at a later date.

In the event a Petition for Extension of Time under 37 CFR §1.17 is required by this paper and not otherwise provided, such Petition is hereby made and authorization is provided herewith to charge Deposit Account No. 23-0804 for the cost of such extension.

The Commissioner is hereby authorized to charge payment of any additional filing fees under 37 CFR §1.16 associated with this communication or credit any overpayment to Deposit Account No. 23-0804.

Address all future communications to:

TYCO Technology Resources
4550 New Linden Hill Road
Suite 450
Wilmington, Delaware 19808-2952
Tel: (302) 633 2763 Fax: (302) 633 2776

Office of the Commissioner

Attorney of Record: Richard E. Gamache
Registration No. 39,196

Attorney Docket No.: TYCO-009XX

TRANSMITTAL FOR FILING PATENT APPLICATION (CONTINUED)

Priority is claimed under 35 USC § 120 of prior Application(s) No. _____, filed _____, entitled:

The above-identified application(s) is/are assigned of record to:

Priority is claimed under 35 USC § 119 (a)-(d) of the following application(s).

<hr/> <u>(Application Number)</u>	<hr/> <u>(Country)</u>	<hr/> <u>(Filing Date)</u>
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<hr/> <u>(Application Number)</u>	<hr/> <u>(Country)</u>	<hr/> <u>(Filing Date)</u>
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<hr/> <u>(Application Number)</u>	<hr/> <u>(Country)</u>	<hr/> <u>(Filing Date)</u>
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The above-identified application(s) is/are assigned of record to:

Priority is claimed under 35 USC § 119 (e) of the following provisional application(s).

<hr/> <u>60/311,709</u>	<hr/> <u>August 10, 2001</u>
<hr/> <u>(Application Number)</u>	<hr/> <u>(Filing Date)</u>

<hr/> <u>(Application Number)</u>	<hr/> <u>(Filing Date)</u>
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<hr/> <u>(Application Number)</u>	<hr/> <u>(Filing Date)</u>
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The above-identified provisional application(s) is/are assigned of record to: TYCO ELECTRONICS CORPORATION

SUBMIT IN TRIPPLICATE

261087